
**IMPLANTABLE MEDICAL LEAD HAVING MULTIPLE,
JOINTLY INSULATED ELECTRICAL CONDUCTORS**

5

Abstract of the Disclosure

An implantable lead for transmitting electrical signals between a proximal end and a distal end comprises an elongated lead body defining a longitudinally-extending lumen, and a plurality of individual electrical conductors contained in the lumen of the lead body and extending between the proximal and distal ends, the plurality of individual conductors sharing a common insulating coating. Each of the plurality of individual electrical conductors preferably comprises a braided, multifilar cable conductor. In one embodiment, the common insulating coating electrically isolates the plurality of conductors from each other, and may include a bridging portion extending between individual conductors.

The plurality of electrical conductors and the common insulating coating comprise a conductor assembly that may have a helical configuration defining a longitudinally-extending passageway for receiving a stylet, guide wire, or the like, for placement of the distal end of the lead. Alternatively, the conductor assembly may have a tubular configuration, the plurality of individual conductors being embedded therein in spaced-apart, parallel relationship or along a generally helical path along the length of the lead body for greater lead flexibility.